

Converting Colors

$Y_{xy}(26.7011, 0.4566, 0.2527)$

Have a look what the booklet for
Yxy(26.7011, 0.4566, 0.2527)
contains.

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Color

Yxy(26.7356, 0.4568, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D94
RGB	255, 61, 148
RGB Percent	100%, 24%, 58%
CMY	0.0000, 0.7607, 0.4195
CMYK	0.00, 0.76, 0.42, 0.00
HSL	333°, 100%, 62%
HSV	333°, 76%, 100%
XYZ	48.2530, 26.7356, 30.6440
YIQ	128.9240, 87.6970, 68.1850

Conversions

Conversions Part 2

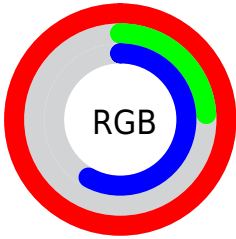
Format	Color
R _{YB}	255, 61, 148
Decimal	16727444
CIE Lab	58.73, 76.76, -2.22
CIE LCh	59, 76.796, 358.341
Yxy	26.7356, 0.4568, 0.2531
Android (android.graphics.Color)	4294917524 (0xFFFF3D94)
YUV	128.9240, 9.4045, 110.5687
Hunter-Lab	51.7065, 76.0915, 1.0561

Details

The Yxy color **26.7356, 0.4568, 0.2531** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.3335, 0.2643, 0.4450**, and the grayscale version is **21.8731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1915, 0.3704, 0.2513**, and **12.2193, 0.4933, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **24.2115, 0.4851, 0.2545**, and if you desaturate by 10%, it is **30.6093, 0.4291, 0.2568**.

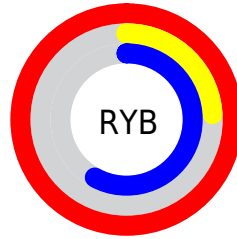
Distribution



Red (100%)

Green (24%)

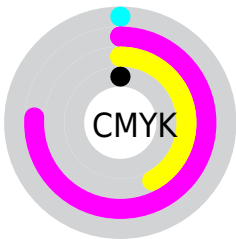
Blue (58%)



Red (100%)

Yellow (24%)

Blue (58%)

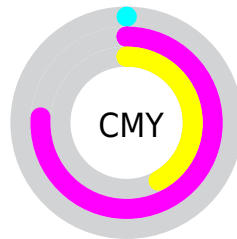


Cyan (0%)

Magenta (76%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7356, 0.4568, 0.2531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.7356, 0.4568, 0.2531 by changing the saturation by 10% instead.


 26.7356, 0.4568,
0.2531


 26.7356, 0.4568,
0.2531


286.3747, 0.3795,
0.2934


 17.3747, 0.4776,
0.2424


 54.4593, 0.4275,
0.2683


 10.5020, 0.5052,
0.2283

 73.5909, 0.4169,
0.2738

 5.7331, 0.5431,
0.2090


 96.7483, 0.4080,
0.2784

 2.6835, 0.5977,
0.1816

 124.3158, 0.4005,
0.2824

 0.9688, 0.6808,
0.1407

 156.6777, 0.3941,
0.2857

 0.0000, 0.9989,
0.0000

194.2186, 0.3886,

 0.0000, 1.0000,

0.2886

0.0000

237.3228, 0.3838,
0.2912

■ 0.0000, 0.0000,
0.0000

■ 26.7356, 0.4568,
0.2531

■ 26.7356, 0.4568,
0.2531

■ 24.2115, 0.4851,
0.2545

■ 30.6093, 0.4291,
0.2568

■ 22.8295, 0.5121,
0.2614

■ 35.9918, 0.4033,
0.2645

■ 22.4816, 0.5223,
0.2651

■ 43.0249, 0.3804,
0.2747

■ 51.8324, 0.3607,
0.2864

■ 62.5263, 0.3440,
0.2986

 75.2092, 0.3301,
0.3107

 89.9764, 0.3187,
0.3223

99.9982, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.7356, 0.3233, 0.1954



26.7356, 0.4568, 0.2531



26.7356, 0.5457, 0.3242

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.7356, 0.4568, 0.2531



26.7356, 0.3724, 0.5618



26.7356, 0.1186, 0.1864

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.7356, 0.4568, 0.2531



75.3335, 0.2643, 0.4450

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.7356, 0.1244, 0.2654



26.7356, 0.4568, 0.2531



26.7356, 0.2623, 0.5451

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.7356, 0.4568, 0.2531



26.7356, 0.4751, 0.4897



26.7356, 0.1712, 0.4076



26.7356, 0.1465, 0.1573

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7356, 0.4568, 0.2531



26.7356, 0.5548, 0.3754



26.7356, 0.1712, 0.4076



26.7356, 0.1167, 0.2060

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.7371, 0.4568, 0.2531



66.2071, 0.3395, 0.3024



18.8520, 0.2371, 0.1248



13.2489, 0.3448, 0.2980



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7371, 0.4568, 0.2531



23.4039, 0.4987, 0.2572



26.0666, 0.5718, 0.3364



18.1225, 0.3223, 0.3184



11.7772, 0.5182, 0.2629



1.1683, 0.4901, 0.2474

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.7371, 0.4568, 0.2531



23.4039, 0.4987, 0.2572



73.6939, 0.2268, 0.3170



18.1225, 0.3223, 0.3184



11.7772, 0.5182, 0.2629



1.1683, 0.4901, 0.2474

Previews

White Background



This preview shows how the Yxy color 26.7356, 0.4568, 0.2531 looks on a white background.

Color Contrast Check

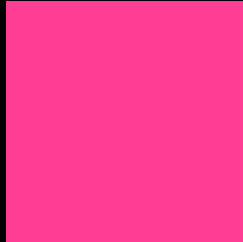
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.7356, 0.4568, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.7356, 0.4568, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 26.7356, 0.4568, 0.2531.



This preview shows how white text looks on a background with the Yxy color 26.7356, 0.4568, 0.2531.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.7356, 0.4568, 0.2531

Protanopia

27.0725, 0.2492, 0.2430

Deuteranopia

26.7942, 0.3330, 0.3275



Tritanopia

26.7257, 0.5391, 0.3264

Trichromacy



Original Color

26.7356, 0.4568, 0.2531



Protanomaly

23.3942, 0.3091, 0.2345



Deuteranomaly

24.0967, 0.3787, 0.2844



Tritanomaly

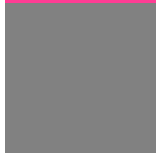
26.3917, 0.5119, 0.2995

Monochromacy



Original Color

26.7356, 0.4568, 0.2531



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.7922, 0.3671, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7356, 0.4568, 0.2531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 61, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 61, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.7356, 0.4568, 0.2531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 61, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 61, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 61, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7356, 0.4568, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 61,  
148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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